



MARICOPA COUNTY
Department of Transportation

MEMORANDUM

Date: January 2, 2008

To: MAG Specifications and Details Committee

From: Robert Herz, MCDOT Representative

Subject: Modification to Section 210 BORROW EXCAVATION

Case 08- 01

PURPOSE: Define acceptance criteria for imported borrow material.

REVISION: Add paragraph as noted.

210.2 IMPORTED BORROW:

Imported borrow shall consist of material required for construction and unless otherwise designated in the special provisions, the Contractor shall make his own arrangements for obtaining imported borrow and he shall pay all costs involved. Imported borrow shall be obtained from sources indicated on the plans, designated in the special provisions, or approved by the Engineer.

Borrow material for fill construction shall meet the following requirement:

The Plasticity Index (PI) (AASHTO T90) and the percent passing the Minus 200 sieve (ASTM C136) when used in the equation below, shall give a value of X that does not exceed 62.

$$X = (\text{Minus 200}) + 2.83 (\text{PI})$$

The material shall be free from wood, vegetation, or other deleterious matter. The maximum size of this material shall not be greater than 2/3 the compacted thickness of the course placed in the subgrade.

The Contractor shall notify the Engineer sufficiently in advance of opening any material sites so that cross section elevations and measurements of the ground surface after stripping may be taken and sufficient time for testing and material will be allowed.

Borrow pits shall be excavated to regular lines to permit accurate measurement; depth of excavation throughout the area of borrow pits shall be as uniform as practicable and the side slope shall be dressed to such slope as may be directed, leaving the borrow pit area in a clean and safe condition.